

10/048072

VIRAL LOAD AND CD4⁺ T-CELL RESPONSES IN UNTREATED/TREATED NYVAC-SIV VACCINATED MACAQUES

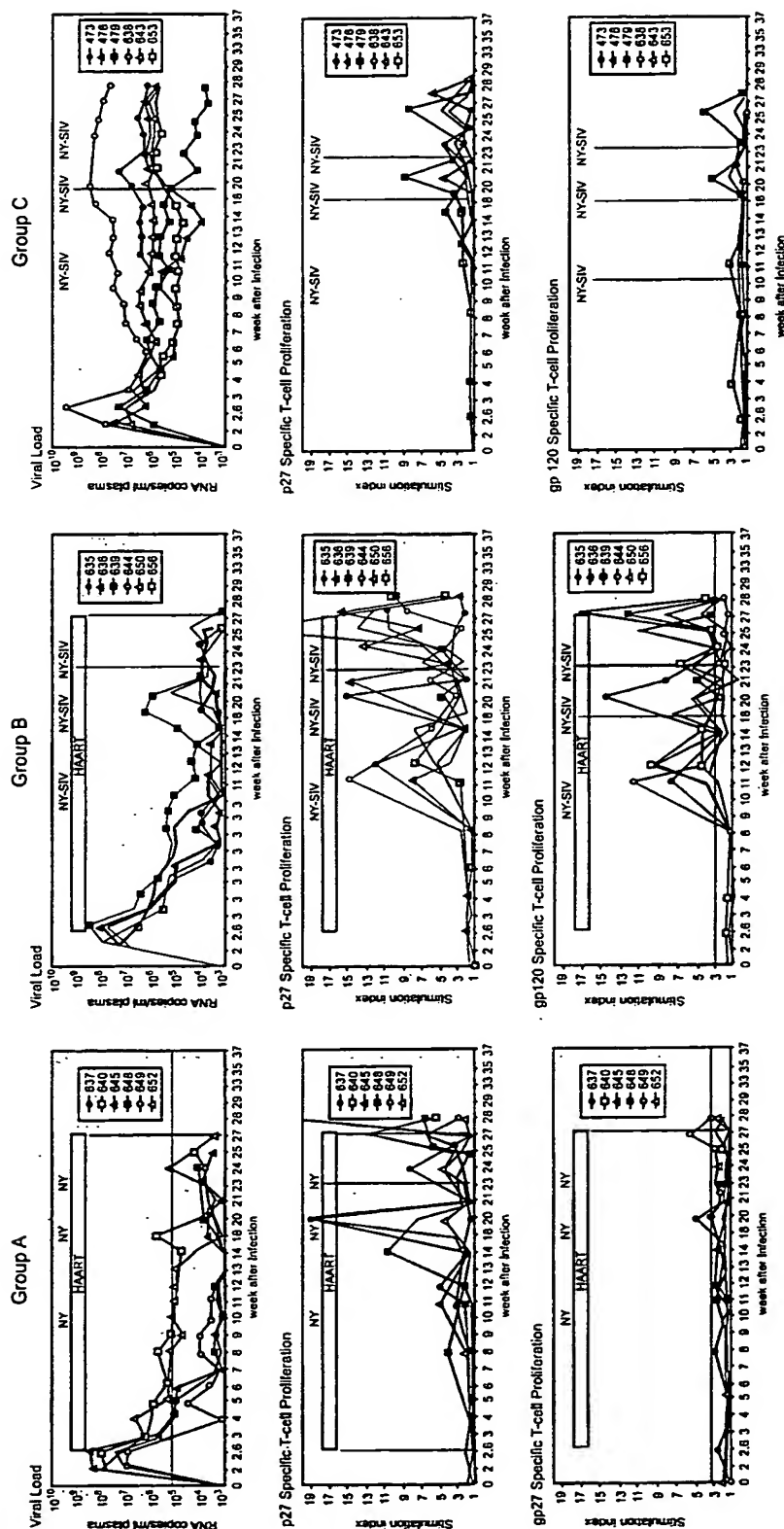
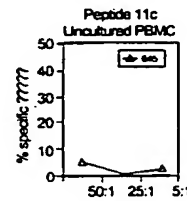
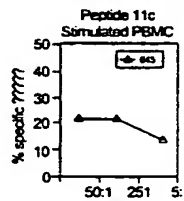
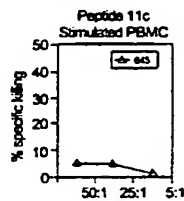
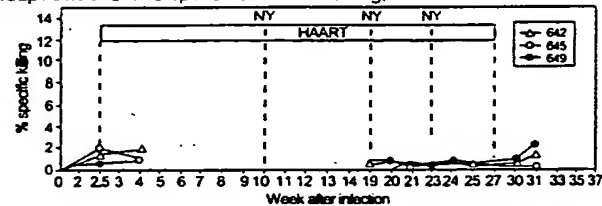


FIG. 1

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MAMU* A-01/PEPTIDE 11c TETRAMER STAINING, CD8⁺/CD3⁺ T-CELLS-
AND PEPTIDE 11c SPECIFIC CYTOTOXIC ACTIVITY IN UNTREATED/TREATED
NYVAC-SIV VACCINATED MACAQUES

Group A: MAMU* A-01/p11c Tetramer Straining, Fresh PBMCs



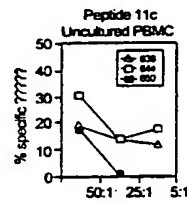
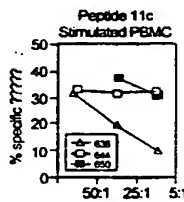
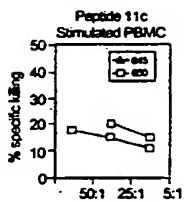
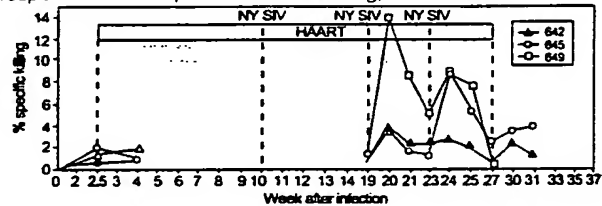
Animal
% MAMU A-01:
Peptide p11c
CD3⁺ CD8⁺

645
0.4

645
8.8

645
0.2

Group B: MAMU* A-01/p11c Tetramer Straining, Fresh PBMCs



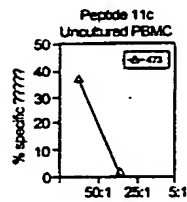
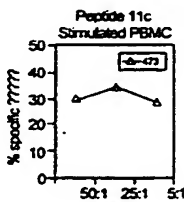
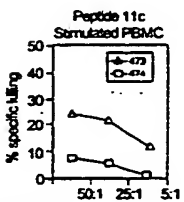
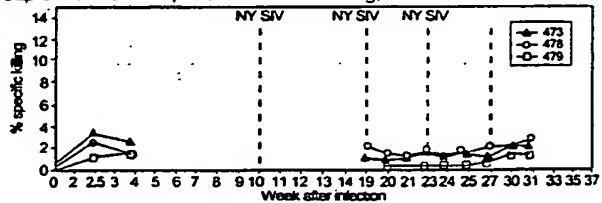
Animal
% MAMU A-01:
Peptide p11c
CD3⁺ CD8⁺

644 650
1.3 0.5

636 644 650
17.8 33 60.1

636 644 650
2.2 4.9 1

Group C: MAMU* A-01/p11c Tetramer Straining, Fresh PBMCs



Animal
% MAMU A-01:
Peptide p11c
CD3⁺ CD8⁺

478
1.7

473
0.1

473
1.2

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INDUCTION OF PROLIFERATIVE RESPONSE TO p27 gag AND GP120
BY THE ALVAC-SIV VACCINE IN SIV₂₅₁-INFECTED, HAART-TREATED MACAQUES

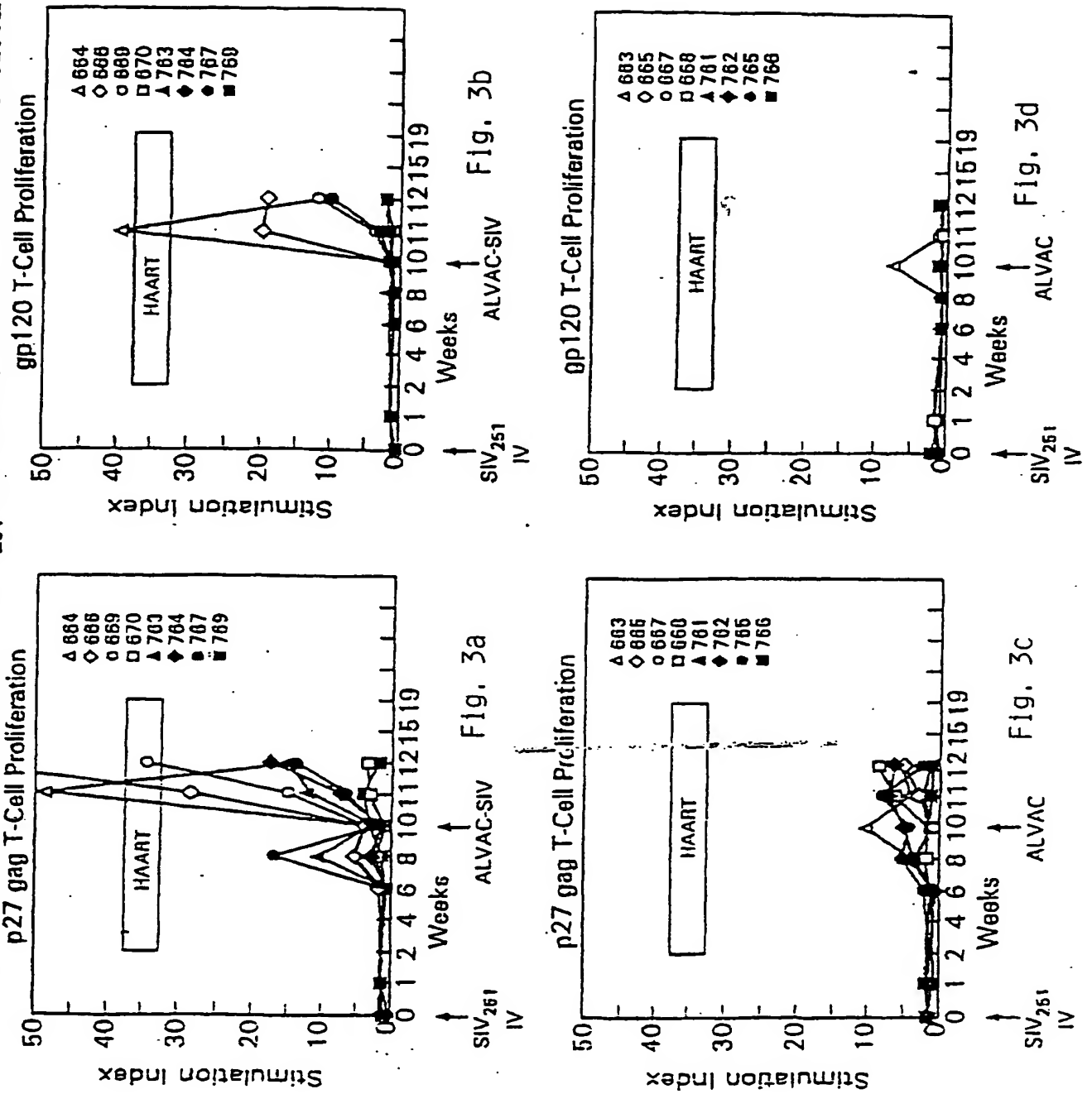


Fig. 3

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INDUCTION OF CD3⁺ CD8⁺ TETRAMER-STAINING T-CELLS
IN SIV₂₅₁-INFECTED, HAART-TREATED MACAQUES
BY THE CANARYPOX-BASED ALVAC-SIV-gag-pol-env VACCINE

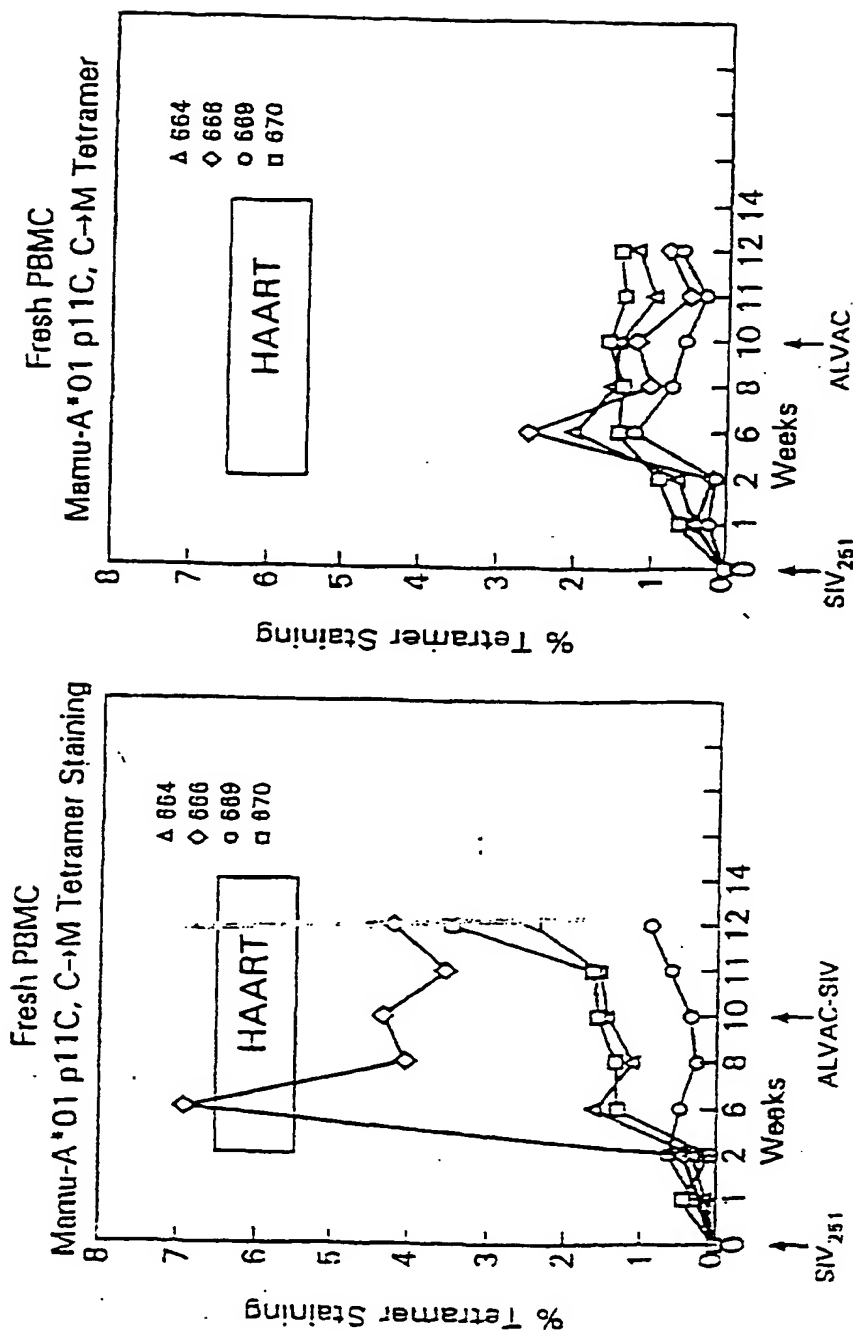


Fig. 4a

Fig. 4b

Fig. 4

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INDUCTION OF CD8⁺ AND CD4⁺ T-CELL RESPONSES BY PCMV-gag AND PCMV-env DNA VACCINE

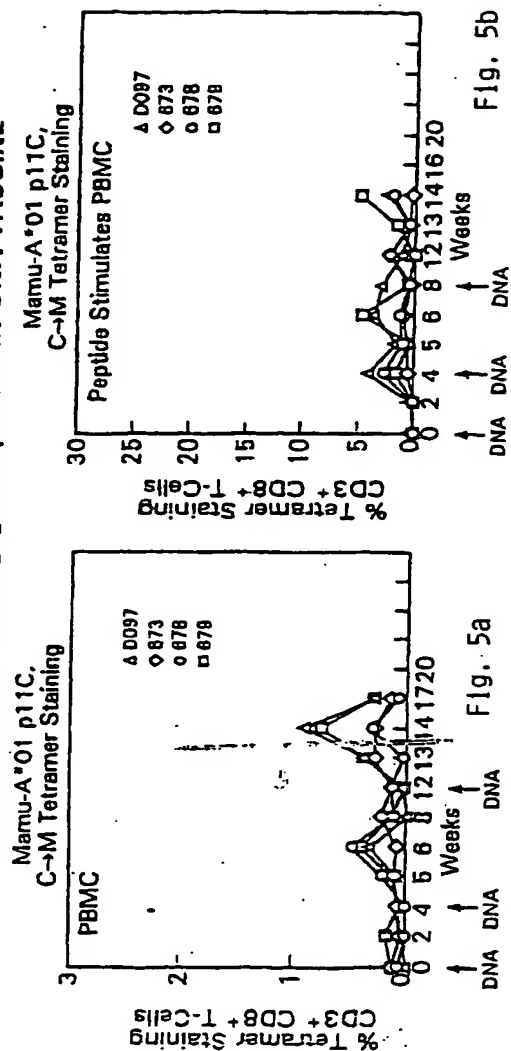


Fig. 5

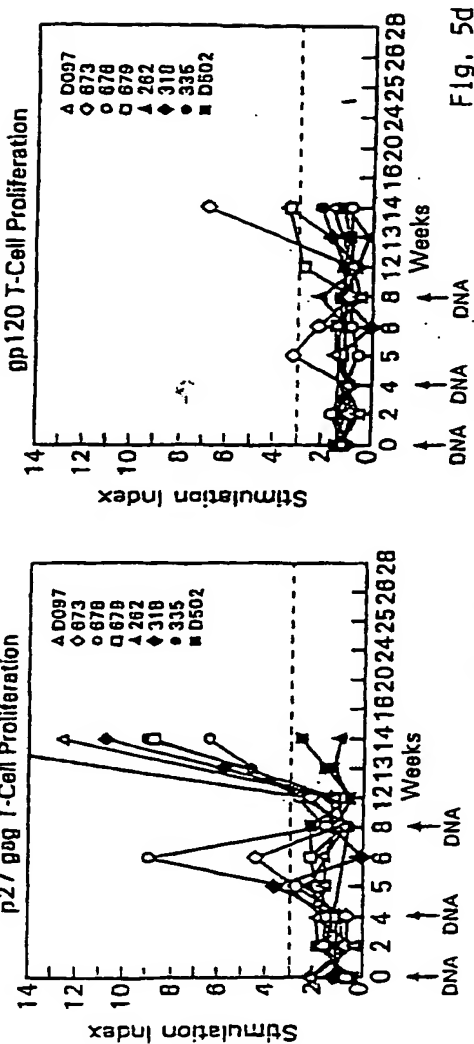


Fig. 5c

Fig. 5d

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INDUCTION OF CD8⁺ AND CD4⁺ RESPONSES IN NAIVE MACAQUES
BY TWO INOCULATIONS OF THE NYVAC-SIV-*gag-pol-env* VACCINE

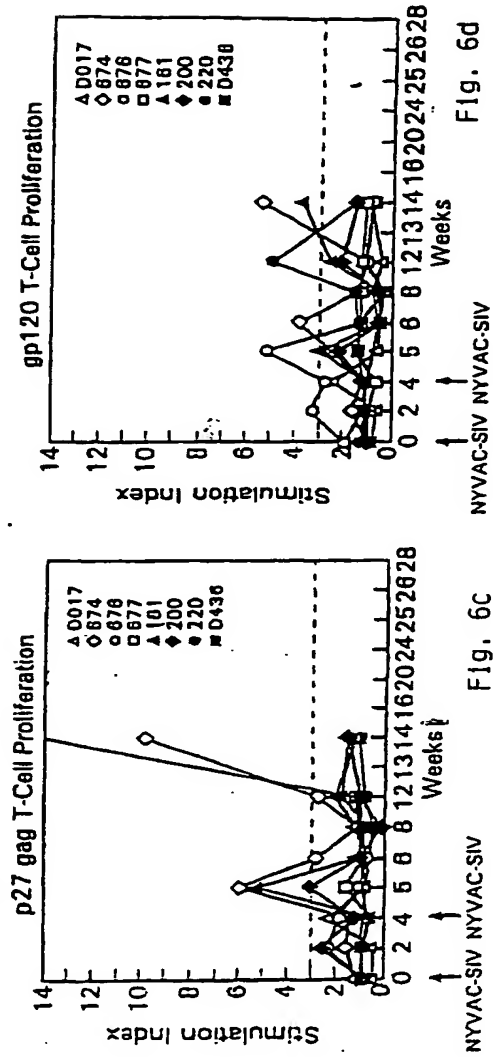
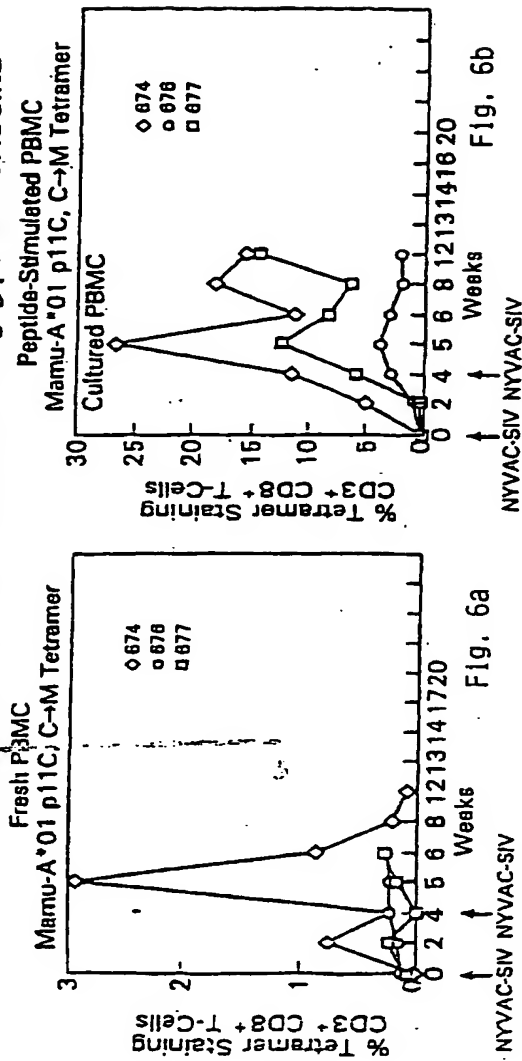


Fig. 6

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EXPERIMENTAL DESIGN

205210 2408400T

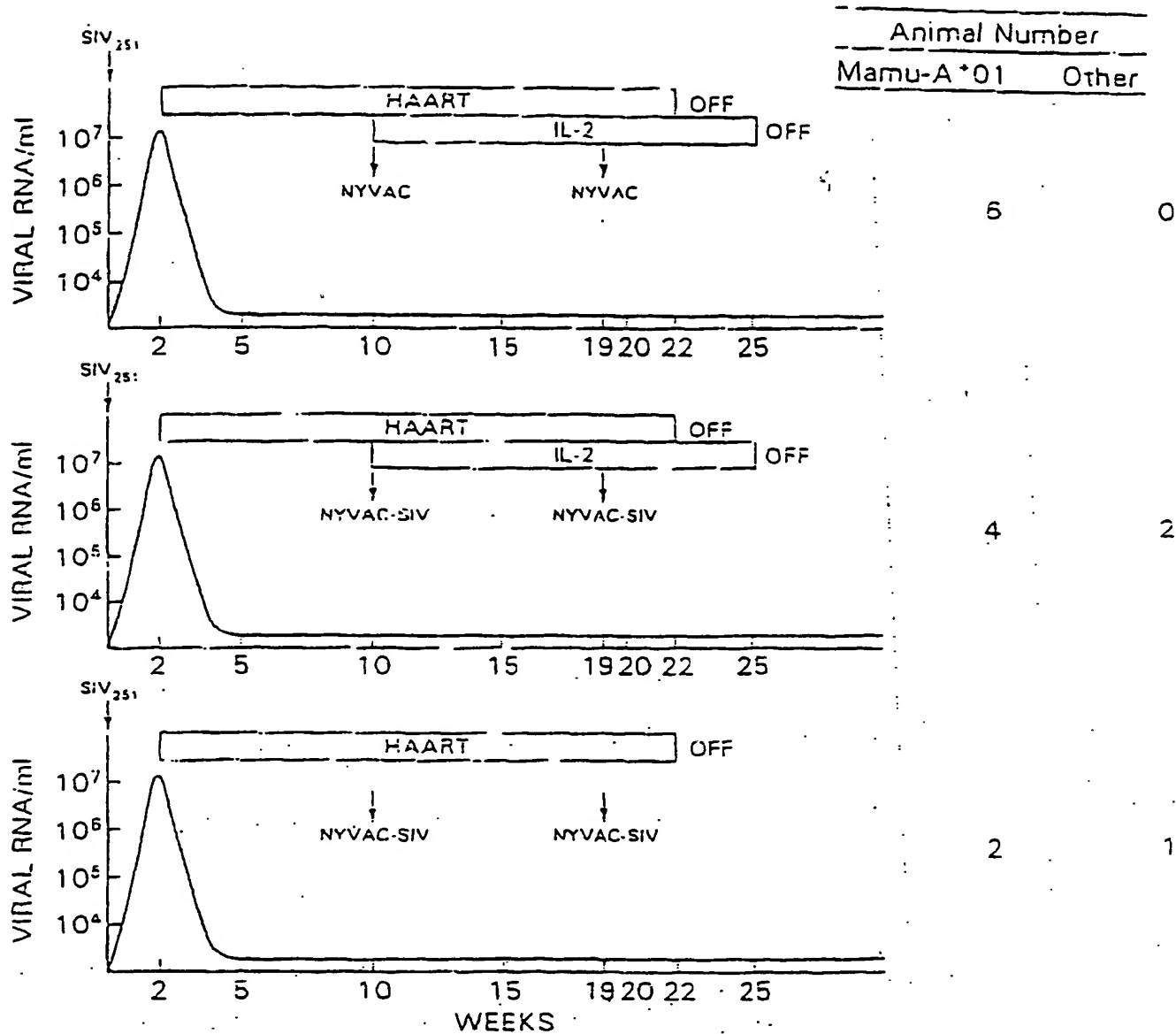


Fig. 7

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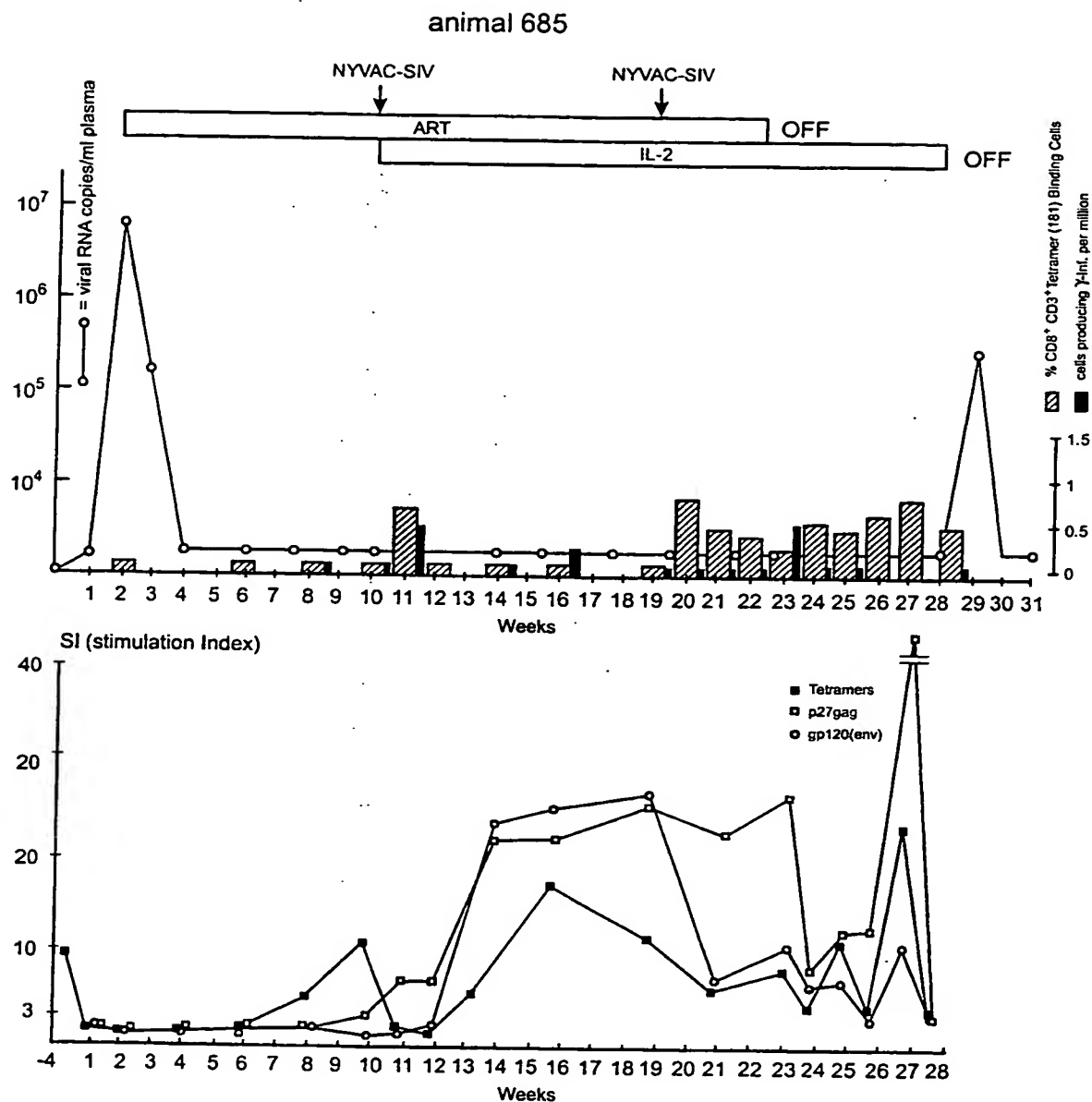


FIG. 8